EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	329	ohno-eiji.in. or takahashi-syoichi.in. or kawamura-mikiyoshi.in. or yamamura-minoru.in. or tamaki-tadashi.in. or oba-hayato.in. or kagiwada-masataka.in. or takayama-hiroyuki.in. or teramura-kei.in. or ohtaka-atsushi.in. or morikawa-toshiaki.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:14
L3	8	2 and (lead or leadframe$2 or (lead adj frame $2)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:14
L4	47	2 and (lead or leadframe$2 or (lead adj frame $2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:15
L5	40	2 and (groove$2).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:16
L6	2	2 and (packag$4).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:18
L7	1	2 and (encapsulat$4).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:19
L8	1	2 and (encapsulat$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:19
L9	11	2 and (light adj emitting).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:19
L10	17	2 and (light adj emitting).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:19
L11	11	2 and (LED$2).ab.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:20
L12	15953	((438/25,26,106,111,123,124,127) or (257/99, E33.056-E33.059,E33.066)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/05/13 09:20
L13	8886	12 and @ad<"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:21

L14	6788	12 and @ad>"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:21
L15	346	14 and ((leadframe$4 or (lead adj (finger$4 or frame$4))) with (concave$2 or slit$2 or recess$2 or groove$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:22
L16	140	14 and ((leadframe$4 or (lead adj (finger$4 or frame$4))) with (concave$2 or slit$2 or recess$2 or groove$2)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:22
L17	109	13 and ((leadframe$4 or (lead adj (finger$4 or frame$4))) with (concave$2 or slit$2 or recess$2 or groove$2)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:26
L18	14	13 and ((leadframe$4 or (lead adj (finger$4 or frame$4))) with (concave$2 or slit$2 or recess$2 or groove$2)).clm. and (light adj emitting).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:27
L20	95	17 not 18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:28
L21	14	13 and ((adhesive) same (light adj emitting)).clm. and ((lead adj frame$2) or leadframe$2).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/05/13 09:40
L22	21	("20020097579" | "20020185650" | "20030168720" | "20040075100" | "20050162808" | "20050236639" | "20060001055" | "20060017143" | "20060102918" | "20060226435" | "20070012940" | "5040868" | "5905301" | "6396131" | "6486543" | "6635954" | "6940704" | "7005325" | "7230280" | "7282785" | "7317181").PN. OR ("7595549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 09:41
L23	76	("3774086" | "3875473" | "4152624" | "4179619" | "5040868" | "5043716" | "5177593" | "5266817" | "5298768" | "5404282" | "5535230" | "5798536" | "5813753").PN. OR ("6274890").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/13 09:41
L25	21	(US-20070278511-$ or US-20060054912-$ or US-20030107316-$ or US-20060163705-$ or US-20050236639-$ or US-20020195935-$ or US-20040188697-$ or US-20020084518-$ or US-20010040240-$ or US-20020163302-$).did. or (US-7595549-$ or US-6995510-$ or US-6909178-$ or US-6482664-$ or US-7436002-$ or US-7420216-$ or US-6274890-$ or US-7518156-$ or US-3910127-$).did. or (JP-05063242-$ or JP-2001352100-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2010/05/13 09:42
S1	1	("20070278511").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 10:44

S2	328	ohno-eiji.in. or takahashi-syoichi.in. or kawamura-mikiyoshi.in. or yamamura-minoru.in. or tamaki-tadashi.in. or oba-hayato.in. or kagiwada-masataka.in. or takayama-hiroyuki.in. or teramura-kei.in. or ohtaka-atsushi.in. or morikawa-toshiaki.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:16
S3	8	S2 and (leadframe$3 or (lead adj frame$3)).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:17
S4	21	("20020097579" | "20020185650" | "20030168720" | "20040075100" | "20050162808" | "20050236639" | "20060001055" | "20060017143" | "20060102918" | "20060226435" | "20070012940" | "5040868" | "5905301" | "6396131" | "6486543" | "6635954" | "6940704" | "7005325" | "7230280" | "7282785" | "7317181").PN. OR ("7595549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 12:21
S5	8	("3914786" | "5962971" | "6650048" | "6680568").PN. OR ("6995510").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 12:25
S6	1	S2 and (encapsulat$4 and (LED or (light adj emitting))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:27
S7	1	S2 and (encapsulat$4 and (LED$2 or (light near3 emitting))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:27
S8	13	S2 and ((LED$2 or (light near3 emitting))).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:28
S9	1	S2 and (encapsulat$4).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:28
S10	2	S2 and (packag$4).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:29
S11	15	("20040046958" | "20040046958" | "20050014299" | "20050128487" | "20050128487" | "20050170661" | "20050206014" | "5384639" | "5392118" | "5624789" | "6190839" | "6303464" | "6500683" | "6500683" | "6645851" | "6693005" | "6715346" | "6986280").PN.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:31
S12	1	("6909178").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 12:32
S14	15206	((438/25,26,106,111,123,124,127) or (257/99, E33.056-E33.059,E33.066)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 12:35

S15	406	438/26.ccls. and @ad<"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:35
S16	239	438/26.ccls. and @ad<"20040324" and (lead$2 or leadframe$4 or (lead adj (frame$3 or finger $4)))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:36
S17	85	438/26.ccls. and @ad<"20040324" and (lead$2 or leadframe$4 or (lead adj (frame$3 or finger $4))) and (encapsulat$4)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:36
S18	10	257/E33.066.ccls. and @ad<"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:40
S19	321	S15 not S17	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 12:41
S20	6544	((438/25,26) or (257/99,E33.056-E33.059, E33.066)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 12:48
S21	1	("6995510 ").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 14:27
S22	8	("3914786" | "5962971" | "6650048" | "6680568").PN. OR ("6995510").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 14:28
S23	21	("20020097579" | "20020185650" | "20030168720" | "20040075100" | "20050162808" | "20050236639" | "20060001055" | "20060017143" | "20060102918" | "20060226435" | "20070012940" | "5040868" | "5905301" | "6396131" | "6486543" | "6635954" | "6940704" | "7005325" | "7230280" | "7282785" | "7317181").PN. OR ("7595549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 14:32
S24	40	("20020028527" | "20020072137" | "20020097579" | "20020158565" | "20020195935" | "20030168670" | "20030168720" | "20040026709" | "20040046242" | "20040075100" | "20040084681" | "20040094757" | "20040124758" | "20040257797" | "20050133810" | "20050162069" | "20050245018" | "4872765" | "5035483" | "5682066" | "5906459" | "5942770" | "5981979" | "6051848" | "6054716" | "6066861" | "6274890" | "6376902" | "6432745" | "6472765" | "6476930" | "6555958" | "6576930" | "6624491" | "6800373" | "6809471" | "6888864" | "6900511" | "6906459").PN. OR ("7436002"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/07 14:55

S25	1	("20040188697").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 15:00
S26	10759	((438/22-29) or (257/99,E33.056-E33.059, E33.066)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/07 15:09
S27	5635	S26 and @ad<"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 15:09
S29	75	S27 and ((mount$4 or bond$4 or adher$4 or adhes$4) with (leadframe$4 or (lead adj (finger $4 or frame$4)))) and ((concave$2 or slit$2 or recess$2) with (adhesive or bond$4 or adhesion or paste))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 17:14
S30	90	S27 and ((mount$4 or bond$4 or adher$4 or adhes$4) with (leadframe$4 or (lead adj (finger $4 or frame$4)))) and ((concave$2 or slit$2 or recess$2 or groove$2) with (adhesive or bond$4 or adhesion or paste))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 17:29
S31	15	S30 not S29	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/07 17:29
S34	10759	((438/22-29) or (257/99,E33.056-E33.059, E33.066)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/11 11:43
S35	5635	S34 and @ad<"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/11 11:43
S38	98	S35 and ((leadframe$4 or (lead adj (finger$4 or frame$4))) with (concave$2 or slit$2 or recess$2 or groove$2))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/11 12:10
S39	2	(09/988644).APP.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/11 15:13
S42	18	(US-20070278511-$ or US-20060054912-$ or US-20030107316-$ or US-20060163705-$ or US-20050236639-$ or US-20020195935-$ or US-20040188697-$ or US-20040016908-$ or US-20020084518-$).did. or (US-7595549-$ or US-6995510-$ or US-6909178-$ or US-6482664-$ or US-7436002-$ or US-7420216-$ or US-6274890-$ or US-7518156-$).did. or (JP-05063242-$).did.	US-PGPUB; USPAT; JPO	OR	ON	2010/01/11 15:56
S43	1	S42 and (AuSn or (gold near2 tin))	US-PGPUB; USPAT; JPO	OR	ON	2010/01/11 15:56
S44	233	S35 and (AuSn or (gold near2 tin))	US-PGPUB; USPAT; JPO	OR	ON	2010/01/11 15:57

S46	13	S35 and ((AuSn or (gold near2 tin)) with (plating or vapor$4 or CVD or PVD))	US-PGPUB; USPAT; JPO	OR	ON	2010/01/11 15:59
S47	12	S35 and ((AuSn or (gold near2 tin)) with (adhesive)) and (lead$5)	US-PGPUB; USPAT; JPO	OR	ON	2010/01/11 16:07
S48	10796	((438/22-29) or (257/99,E33.056-E33.059, E33.066)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/14 10:10
S49	5635	S48 and @ad<"20040324"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:10
S50	31	S49 and (adhesive with plating)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:11
S51	58	S49 and (adhesive same plating)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:15
S52	27	S51 not S50	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:15
S53	3	S49 and ((ag near2 paste$2) same plating)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:17
S54	40	S49 and ((resin) same plating) and ((lead adj frame$2) or leadframe$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:21
S55	3	("438".clas. or "257".clas.) and @ad<"20040324" and (((adhesive) with plating) same (led or (light adj emitting))) and ((lead adj frame$2) or leadframe$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:27
S56	15	("438".clas. or "257".clas.) and @ad<"20040324" and (((adhesive) same plating) same (led or (light adj emitting))) and ((lead adj frame$2) or leadframe$2)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:31
S57	3	("438".clas. or "257".clas.) and @ad<"20040324" and (((adhesive) same plating) same (led or (light adj emitting))) and ((lead adj frame$2) or leadframe$2).clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2010/01/14 10:31
S58	1	("2001352100").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2010/01/14 13:09

| S59 | 20 | (US-20070278511-$ or US-20060054912-$ or US-20030107316-$ or US-20060163705-$ or US-20050236639-$ or US-20020195935-$ or US-20040188697-$ or US-20020084518-$ or US-20010040240-$ or US-20020163302-$).did. or (US-7595549-$ or US-6995510-$ or US-6909178-$ or US-6482664-$ or US-7436002-$ or US-7420216-$ or US-6274890-$ or US-7518156-$).did. or (JP-05063242-$ or JP-2001352100-$).did. | US-PGPUB; USPAT; JPO | OR | ON | 2010/05/12 11:55 |

5/13/2010 9:43:24 AM
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